

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

ATTY. DOCKET NO.

JEL 30763A

Divisional Application based on  
Application Serial No. 09/380,312

APPLICANT

Masan ri MINAMIO, et al.

FILING DATE

December 31, 2003

PRIOR ART GROUP  
2815**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		5	4	1	0	6	7	7	6					YES	NO
77b2		5	4	1	0	6	7	7	6	07/1979	JP			X	
		6	1	4	2	8	5	6		03/1986	JP			X	
		4	1	2	3	5	5	0		11/1992	JP			X	
		6	2	1	3	0	4			01/1994	JP			X	
		6	8	5	1	3	2			03/1994	JP			X	
		6	2	1	3	1	5			01/1994	JP			X	
		6	1	0	4	3	6	4		04/1994	JP			X	
		7	5	0	3	8	0			02/1995	JP			X	
		5	4	1	0	6	7	7	6	07/1979	JP			Partial	
		6	1	4	2	8	5	6		03/1986	JP			Partial	
		6	1	0	4	3	6	4		04/1994	JP			Partial	
		0	4	1	5	5	8	5	4	10/1990	JP				
		6	0	0	8	6	8	5	1	05/1985	JP			Abstract	
		0	4	0	8	5	9	5	2	03/1992	JP			Abstract	
		0	2	2	0	1	9	4	6	08/1990	JP			Abstract	
		6	3	2	5	8	0	5	0	10/1988	JP			Abstract	
		0	1	1	0	6	4	5	6	04/1989	JP			Abstract	
		0	1	1	0	6	4	5	5	04/1989	JP			Abstract	
		0	5	1	2	9	4	7	3	05/1993	JP			Abstract	
		6	3	0	6	4	3	5	1	03/1988	JP			Abstract	
		6	1	0	0	1	0	4	2	01/1986	JP			Abstract	
77b2		0	4	1	5	5	8	5	4	05/1992	JP			Abstract	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Japanese Office Action with English translation.

International Search Report dated March 19, 1999.

International Preliminary Examination Report dated October 19, 1999.

EXAMINER *Jasmine Clark*

DATE CONSIDERED

09/16/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

JEL 30763A

DIVISION OF SERIAL NO.

09/380,312

10/747 982

APPLICANT

Masanri MINAMIO, tal.

FILING DATE

December 31, 2003

PRIOR GROUP

2815

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	3	8	9	7	3	9					
		5	8	7	2	3	9	5	02/1995	Mills			
		6	0	7	2	2	3	9	02/1999	Fujimoto			
		4	9	9	4	8	9	5	06/2000	Yoneda et al.			
		5	7	7	7	3	8	0	02/1991	Matsuzaki et al.			
		5	7	7	7	3	8	0	07/1998	Otsuki et al.			
		5	6	4	8	6	8	3	07/1997	Takahashi			
		5	7	2	9	0	5	1	03/1998	Nakamura			
		5	8	6	9	8	8	9	02/1999	Chia et al.			
		3	8	2	5	8	0	3	07/1974	Budde			
		4	7	0	7	7	2	4	11/1987	Suzuki et al.			
		5	8	5	9	3	8	7	01/1999	Gagnon			
		5	4	3	6	4	9	2	07/1995	Yamanaka			
		5	2	9	9	0	9	2	03/1994	Yaguchi et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER *Jasmine Clark*

DATE CONSIDERED

*09/16/04*

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.